



# Product Evaluation

DR845 | 0417

Engineering Services Program

*The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).*

*This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.*

*This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.*

*For more information, contact TDI Engineering Services Program at (800) 248-6032.*

**Evaluation ID:** DR-845

**Effective Date:** April 1, 2017

**Re-evaluation Date:** January 2021

**Product Name:** Series VDS HI Steel Outswing Side Hinged Door System, Impact Resistant

**Manufacturer:** Vetrotech  
2108 B Street NW, Suite 110  
Auburn, WA 98001

## General Description:

System	Description	Design Pressure Rating	Drawing Number
1	VDS HI Door System	+/- 65 PSF	08-02861

## Product Dimensions, Systems 1 and 2:

System	Overall Frame Size	Door Panel Size	Door Panel Daylight Opening Size
1	88" x 98"	42-1/4" x 95-7/8" (2)	Top: 31-5/16" x 46-7/8" Bottom: 31-5/16" x 31-11/16"

## Product Identification (Manufacturer Label on Door):

System		
1	Certification Agency	Self-labeled by manufacturer
	Manufacturer's Name	Vetrotech
	Product Name	VDS-HI Door System
	Test Standards	ASTM E330-02, ASTM E1886-05, ASTM E1996-05 TAS 201-94, TAS 202-94, TAS 203-94

**Components and Hardware:**

System	Component	Quantity Per panel	Attachment Method
1	Adjustable Hinges	3	Install hardware in accordance with Vetrotech drawing No. 08-02861, titled: "VDS HI Door System Impact Notes" dated May 31, 2016, signed and sealed by Luis R. Lomas P.E. on June 1, 2016.
	Lock Exit Device Von Duprin Series WS9927 SVR	1	
	Threshold Series NGP 950	1	

**Impact Resistance:**

System	Impact Resistant	Requirement
1	Yes	These products satisfy TDI's criteria for protection from windborne debris in the Inland I and Seaward zone. The products passed the equivalent of Missile Level D in ASTM E 1996. Install the assemblies at a height on the structure that does not exceed the design pressure rating for the assemblies.

**Acceptance of Smaller Assemblies:** Door assemblies with dimensions equal to, or smaller than those specified are acceptable with the limitations specified in this report.

**Installation:**

System		
1	Type of Installation	Install and anchor doors in accordance with Vetrotech drawing No. 08-02861, titled: "VDS HI Door System Impact Notes" dated May 31, 2016, signed and sealed by Luis R. Lomas P.E. on June 1, 2016.
	Wall Framing	
	Fasteners	
	Fastener Embedment	
	Fastener Location/Spacing	

**Note:** Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.